

# AT55 Automatic Tape Dispenser User Manual

## 2013



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## Warnings

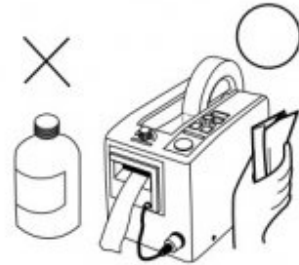
In order to make the tape dispenser have longer life, the operators should operate the machine by following the instruction manual; below is the six don'ts:



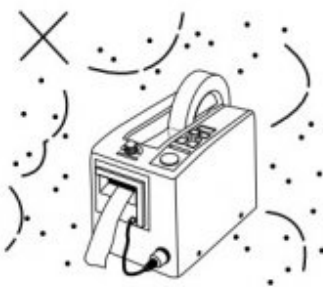
Do not leave the tape dispenser under direct sunlight.



Do not drop the tape dispenser or subject it to heavy shocks



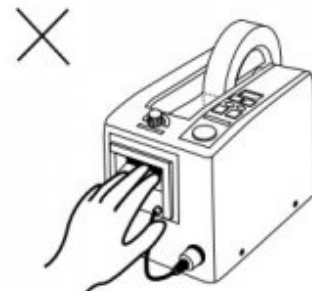
Do not use volatile liquids (benzine, thinner, etc) to clean the tape dispenser, Wipe with dry cloth only.



Do not use the tape dispenser in humid or dusty places.



Do not insert bars or plates into the outlet, this will damage the blades.




Do not insert your fingers into the tape outlet!

## Performance Characteristics

- ü Using the tape dispenser, only need to pull the tape to the tape outlet, the machine will automatically dispense the tape at preset length and then cut accordingly.
- ü LED screen directly displays the dimension, the operation is easy to process, the user

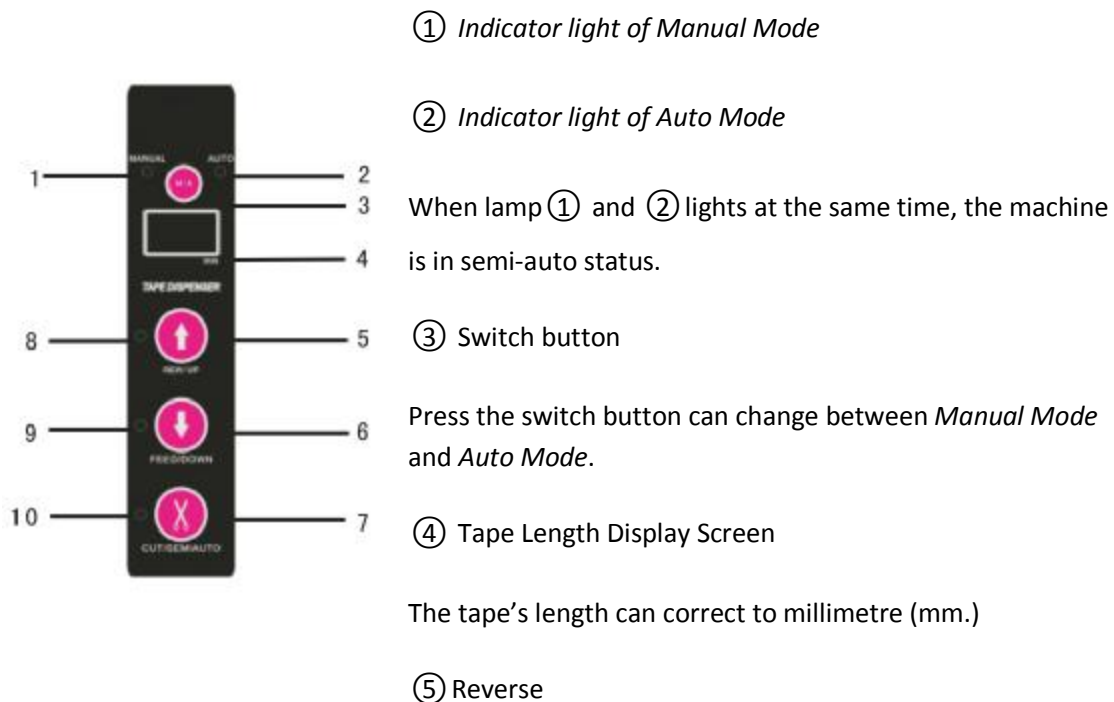
only needs to press **CM** or **MM** button then the length will be set. (Range: 20mm~999mm)

ü If need to cut a very long part of tape, keep pressing the  button to expect length.

(After set, press  button to begin to cut).

ü Box type cutting component of the machine is convenient to demount and replace.  
(When tape jamming that's easy to resolve it)

## Components Description



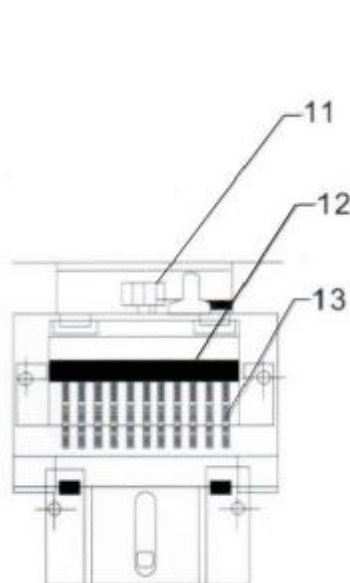
In *Manual Mode* press the button can reverse the feeder roller.

In *Auto Mode* press the button can lengthen the tape's length.

### ⑥ Feeding the Tape

In *Manual Mode* press the button can feed the tape.

In *Auto Mode* press the button can shorten the tape's length.



⑦ Cut

Press to begin to cut the tape

⑧ ⑨ ⑩

Working status indicator light.

⑪ Pressure Adjustment Knob

Open the blade cover, there's a pressure adjustment knob.  
The pressure can be adjusted according to the tape's thickness.

⑬ Tape Outlet

## Feature Descriptions


### How to Use

- 1) Insert the plug into the socket, and turn on the power switch in the backside.  
The machine will make a sound after starting up, the *Manual Mode* indicator lamp ① lights up, in the meanwhile the indicator lamp ⑨ flickering.
- 2) Load the tape on the feeder roller, and then keep pressing ⑥ until the tape goes to the outlet.
- 3) When the tape is in the outlet, press ⑦ to begin to cut the tape.  
If the tape's length is not set yet, in this mode the length can be adjusted and then press cut button to begin to cut the tape.
- 4) If the tape's length is preset, in this mode press ③ to change to *Auto Mode*.
- 5) After the *Auto Mode* is selected, the indicator lamp ② lights up, and the tape's cutting length is displayed on ④
- 6) If the tape's cutting length needs to be adjusted, press ⑤ and ⑥ to adjust.  
The machine can't automatically operate unless the tape is loaded. In order to prevent dangerous, when machine idle or idle cut, the NO indicator lamp flickers and the machine will automatically switch to *Manual Mode*.
- 7) After the tape's cutting length is set up, the machine can work in *Auto Mode*.

## Loading the Tape

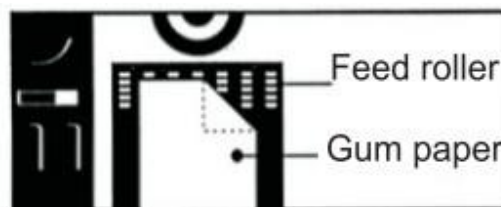
### Auto-feed Operating Steps






1. Connect power
2. Turn on the power switch (The tape length displays 20)
3. Put the tape to the center of tape base and stick the end part of the tape on the feed

roller surface. Keep pressing the  button until the tape outputs from the outlet, then pull it by fingers, this step is done.

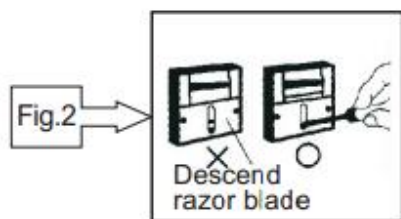
If the tape can't feed freely or the width exceeds 1.5 inch, please comply with the following procedures:


Fold 1/3 or 1/2 part at the front end of the tape to make it form a triangle, and stick the viscous side on the roller until cut smoothly.



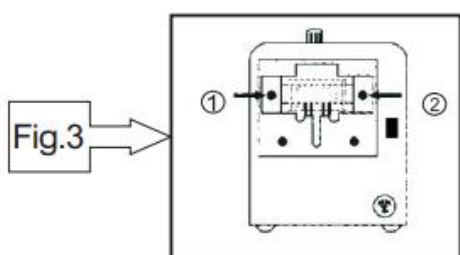
4. Press the  button to cut the end of the tape.
5. Set the length of the tape. Press  button can set the MM length, the  button can set the CM length between 2~99cm. (Under the auto-feed mode, the length is better between 2~20cm.)
6. Set the pressure knob according to the tape type, usually set to S (soft). If the pressure knob crimps the tape, rotate the pointer to (H).
7. When the auto switch is ON, the tape will automatically output and cut to preset length. When the tape in the outlet is taken away, the tape dispenser will automatically output the next part.
8. When the machine is on the fly, please make sure auto-feed switch is in closed (semi-auto) status.
9. When operate the machine again, press the  button first to cut a little tape, and press  to cut the tape, then set the auto switch to ON status.



### *Under Semi-auto Condition*




1. If the automatic switch is in OFF position, every time the user presses  button, the tape dispenser will output a part of tape with preset length.
2. If need a very long part of tape, the user should take the tape front end from the outlet when it's outputted.

### *Under Forward Button controlled Condition*




- Keep pressing  button until the tape end is outputted, then press  button to start cutting. If need to use a long part of tape, take the tape's front from the outlet when it's outputted.

### *Replace the Tape*

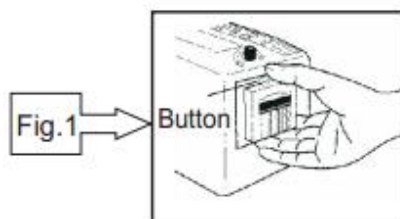
Press  button to make the roller reverse, then take out the tape by hand.

### *When Tape Jamming*

When the tape jamming, press the  (back forward button) to reverse the roller, take away the tape in reverse direction, and then put the tape to the feed roller again. In addition, take down the cutting component; make sure the tape is not stuck on the blade or roller.

### *Replace the Cutting Component*

1. Please shut the sensor and turn off the power first and then replace the cutting component. In order to take down the cutting component, the operator should pull out the sensor plugin directly, and then press the button, in the meanwhile, forward pull out the cutting component. (Figure 1)



2. Before remount the cutting component on the main frame, check if the blade is completely dropped. If the blade doesn't drop completely, use a screw driver or sharp end tool to press it down. When remount the component, adjust the bottom of the component to make it fit the main frame, then push the upper part to the frame. (Figure2)

3. Check the insert type of sensor plug; comply with the correct direction to insert the jack on the main frame. After the plug is inserted, it will be easy to mount the cutting component.

### ***Replace the Dispense Roller***

When replace the dispense roller, make sure the sensitive switch and power switch are turned off. Unpin the sensor plug, take down the cutting component, and then use the cross shaped screw driver to unscrew the 2 screws on **Figure 3** marked by arrow.

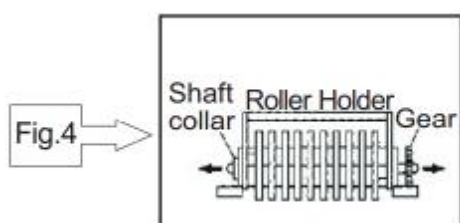
Then, hold the rubber ring on the middle of the dispense roller, pull forward to take down the pedestal body.

Take down the screws on the two sides of roller stand, then pull out the collar and wheel gear. (Figure 4)

### **Announcements**

- 1 Comply with the above instructions, put the tape correctly.


If the tape's front end doesn't fold when putting the tape, it may got stuck at the outlet.



- 1 Applicative Tape Type

Glass paper, manual tape, adhesive plaster, PP paper, double sided tape with interlayer (not thicker than 0.5mm), fibril paper, aluminum paper and crape paper.

- 1 Since the different type of the tape (some are containing tenacity material), so the tape dispenser may not cut to very exact length as preset. In this case, it needs to adjust the length properly. If the tape is sticked on the blade, take down the cutting component and then coat some silicone oil.
- 1 If let the tape dispenser stay in setting status for a long time, it's probably lead to paper

jam. In this case, press the  button to cut a little tape, and then turn on the auto feed switch.



## Troubleshooting

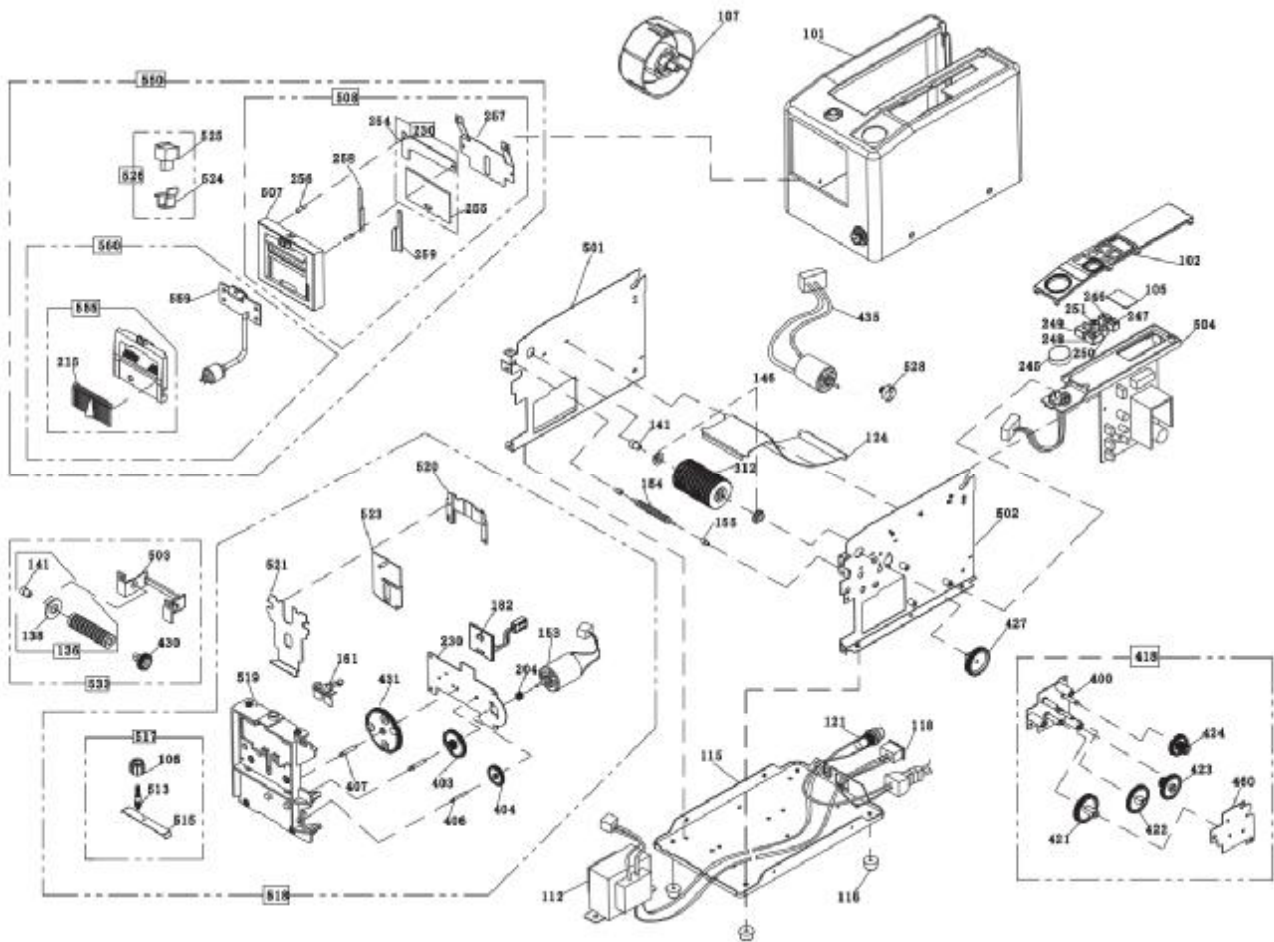
If the machine is out of order, please obey the following operating procedures. If the machine is still out of order, please contact us.

The engine doesn't run.	Check the plug and make sure it's plugged in well; Check the power is turned on
The machine can't cut tape.	Check if all the cutting components are set up correctly.
The digital tube is not lighting.	Check the power switch is turned on; Check the plug is plugged in well.
The tape can't dispense.	Check if the tape is blocked in the roll or cutting components; Check if the tape is put correctly.
In "Auto Mode" the machine can't work normally.	Check if the plug is plugged in correctly; Check if the Auto/Semi-auto switch is turned on; Check if the tape cutting is working correctly; Check if the sensor is dirty.
The tape can't stop dispensing.	Check if the tape is off normal from the center; In this case, point the tape to the center of tape outlet, so the sensor can recognize the tape.

## Specifications










Commodity Name	Tape dispenser
Display	3 digits digital tube
Applicative Tape Width	7~50mm
Tape Dimensions Setting Range	Automatic range: 20~999mm freely setting
Motor	Adopts DC motor to drive the tape Adopts DC motor to drive cutting blade
Color	<input type="checkbox"/> White <input type="checkbox"/> Gray
Power Consumption	18W
Power	<input type="checkbox"/> AC 110V/60Hz <input type="checkbox"/> AC220V/50Hz
Circumstance Light Source	May happens misoperation under filament lamp, suggest to leave far away. Natural Light: ≤2.000lux
Circumstance Temperature	5~40℃
Circumstance Humidity	Less than 80% RH
Size	137mm(W)*218mm(D)*150mm(H)
Weight	2.4KG


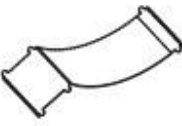






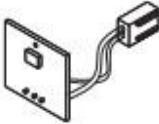
## Assembly Drawing





















*Click to see large image.*










## Spare Parts List








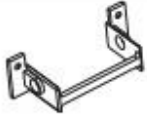

Spare parts list(1)		
Parts No.	Parts Name	Picture
101	Body	
102	Ornament Plate	
105	Transparent Plate	
106	Pressure Plate	
107	Reel Knob	
112	Transformer	
115	Base	
116	Leg Rubber	
118	Power switch	

Spare parts list(2)		
Parts No.	Parts Name	Picture
121	Fuse	
124	Center plate	
138	Separating roller ring	
141	Roller shaft	
146	Bearing	
153	Cut motor	
154	Press roller	
161	Cutter holder spring	
182	Sensor control panel	




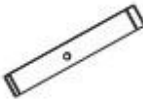





Spare parts list(3)		
Parts No.	Parts Name	Picture
204	Gear 11	
215	Cover for non contact	
230	Ornament plate of gear box	
245	Button(Auto)	
246	Button(cm)	
247	Button(mm)	
248	Button(cut)	
249	Button(reverse)	
250	Button(reset)	










Spare parts list(4)		
Parts No.	Parts Name	Picture
251	Button(Feed)	
254	Upper blade	
255	Lower blade	
256	Cutter stop shaft	
257	Cutter spring	
258	Cutter liner(left)	
259	Cutter liner(right)	
312	Feed roller	
400	Feed gear plate	

Spare parts list(5)		
Parts No.	Parts Name	Picture
403	Flat gear 15	
404	Flat gear 16 (no seperate sel l)	
406	Gear shaft 14 (no seperate sel l)	
407	Gear shaft 13	
418	Gear unit	
421	Flat gear 11	
422	Flat gear 12	
423	Flat gear 13	
424	Flat gear 14	

Spare parts list(6)		
Parts No.	Parts Name	Picture
427	Feed roller gear 3	
430	Separating roller gear	
431	Cutter gear	
435	Feed roller gear motor	
460	Positioning plate	
501	Side plate(left)	
502	Side plate(right)	
503	Feed roller center plate	
504	Control panel	



Spare parts list(7)		
Parts No.	Parts Name	Picture
507	Cutter holder (plastic only)	
508	Cutter holder ( with blade)	
513	Roller press shaft (no seperate sell)	
515	Roller press plate (no seperate sell)	
517	Roller press plate components	
518	Front holder component	
519	Front holder unit 3	
520	Cut lever press2	
521	Cut lever liner 2	

Spare parts list(8)		
Parts No.	Parts Name	Picture
523	Cut lever unit 2	
524	Open spring	
525	Open knob	
526	Open set	
528	Gear 2	
533	Separating roller holder component	
550	Auto feed cutter unit	
555	Sensor cover	
559	Cutter unit control panel	
560	Sensor unit2	